



LT-171

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant : Florin A. Oprescu  
Application No.: 10/779,292 Confirm. No.: 7415  
Filed : February 12, 2004  
For : BUFFERED OVERSAMPLING ANALOG-TO-DIGITAL  
CONVERTER WITH IMPROVED DC OFFSET  
PERFORMANCE  
Group Art Unit : 2819  
Examiner : Brian K. Young

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicant hereby makes the following documents of record in the above-identified patent application:

U.S. Patent Documents

4,684,925	Maruta	08/04/87
4,704,600	Uchimura et al.	11/03/87
4,876,542	Van Bavel et al.	10/24/89
4,876,544	Kuraishi	10/24/89
5,010,347	Yukawa	04/23/91
5,148,167	Ribner	09/15/92
5,396,245	Rempfer	03/07/95
5,450,083	Brewer	09/12/95
5,675,334	McCartney	10/07/97

Express Mail No.  
EV 132191896 US

5,870,048	Kuo et al.	02/09/99
5,982,315	Bazarjani et al.	11/09/99
6,037,887	Wu et al.	03/14/00
6,057,793	Gong et al.	05/02/00
6,198,417	Paul	03/06/01
6,271,782	Steensgaard-Madsen	08/07/01

#### OTHER DOCUMENTS

Damien McCarthney et al., "A Low-Noise Low Drift Transducer ADC," IEEE J. solid State Circuits, 32(7):959-967 (Jul. 1997).

Donald A. Kerth et al., "An Oversampling Converter for Strain Gauge Transducers," IEEE J. solid State Circuits, 27(12): 1689-96 (Dec. 1992).

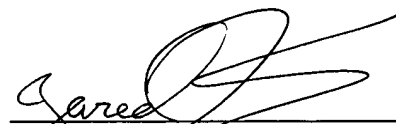
"16-bit/20-Bit Multi-Range ADC x/4-Bit Latch" Crystal Semiconductor Corporation 1996.

Copies of the aforementioned references, which are listed on the accompanying Form PTO-1449 (submitted in duplicate), are enclosed herewith.

It is respectfully requested that these documents be (1) fully considered by the Patent and Trademark Office during examination of this application; and (2) printed on any patent which may issue on this application. Applicant requests that a copy of Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

Consideration of the foregoing in relation to this  
patent application is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jared Kneitel", is written over a horizontal line.

Jared Kneitel  
Registration No. 51,178  
Agent for Applicant  
FISH & NEAVE  
Customer No. 1473  
1251 Avenue of the Americas  
New York, New York 10020-1104  
Tel.: (212) 596-9000

FORM PTO-449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE STATEMENT  
BY APPLICANTDOCKET NO.  
LT-171APPLN. NO.  
10/779,292APPLICANT  
Florin OprescuCONFIRMATION NO.  
7415FILING DATE  
February 12, 2004GROUP ART UNIT  
2819

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,684,925	08/04/97	Maruta	341	143	
	4,704,600	11/03/87	Uchimura et al.	340	347	
	4,876,542	10/24/89	Van Bavel et al.	341	143	
	4,876,544	10/24/89	Kuraishi	341	166	
	5,010,347	04/23/91	Yukawa	341	143	
	5,148,167	09/15/92	Ribner	341	143	
	5,396,245	03/07/95	Rempfer	341	145	
	5,450,083	09/12/95	Brewer	341	143	
	5,675,334	10/07/97	McCartney	341	118	
	5,870,048	02/09/99	Kuo et al.	341	143	
	5,982,315	11/09/99	Bazarjani et al.	341	143	
	6,037,887	03/14/00	Wu et al.	341	143	
	6,057,793	5/02/00	Gong et al.	341	143	
	6,198,417	03/06/01	Paul	341	143	
	6,271,782	08/07/01	Steensgaard-Madsen	341	143	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Damien McCartney et al., "A Low-Noise Low Drift Transducer ADC," IEEE J. solid State Circuits, 32(7):959-967 (Jul. 1997).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449</b> <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b>	<b>DOCKET NO.</b> LT-171	<b>APPLN. NO.</b> 10/779,292
	<b>APPLICANT</b> Florin Oprescu	<b>CONFIRMATION NO.</b> 7415
	<b>FILING DATE</b> February 12, 2004	<b>GROUP ART UNIT</b> 2819

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<b>EXAMINER INITIAL</b>	
	Donald A. Kerth et al., "An Oversamplint Converter for Strain Gauge Transducers," IEEE J. Solid State Circuits, 27(12): 1689-96 (Dec. 1992).
	"16-Bit/20-Bit Multi-Range ADC x/4-Bit Latch," Crystal Semiconductor Corporation 1996.

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.